



**DESCRIPTION**

APC EPO-H20T® is a two pack Water Based Epoxy coating with excellent film properties and surface hardness. Water Based two pack epoxy is a self-priming and environmentally aware coating system which makes this an excellent choice for concrete walls and floors with excellent adhesion, chemical resistance and tolerance to damp surfaces.

**RECOMMENDED USES**

- Factories & Warehouses
- Garages
- Food & Beverage Industry
- Chemical Industry
- Seamless Flooring
- Retaining Walls
- Flake Systems
- Waterproofing concrete slabs before floor overlay

**FEATURES & BENEFITS**

- Low VOC formula
- Can be easily brushed or rolled
- Low yellowing formulation
- Excellent surface hardness and water resistance
- May be applied down to 8°C
- Water clean up
- Low Odour

**PHYSICAL PROPERTIES**

Solid content	48 %
Work time per pack	2 hours
Tack free time	3hrs @ 25°C
Finish	Satin
Abrasion Resistance	Excellent
Bacterial Resistance	Very Good

**RESISTANCE TO CHEMICAL SPILLS (7 days at 25deg.C):**

Water	Little or no effect
10% Caustic	Little or no effect
Unleaded Petrol	Little or no effect
10% Acetic Acid	Little or no effect
10% Sulphuric Acid	Little or no effect
Antifreeze	Little or no effect
Crude Oil	Little or no effect
Vegetable Oil	Little or no effect
Xylene	Little or no effect
Sea Water	Little or no effect

#### SURFACE PREPERATION

Ensure concrete is sufficiently cured (recommended minimum 14 days). The surface requires cleaning to remove any substance which could affect adhesion (example: concrete sealer, paint, algae, mildew, mould, oil or grease). Once substances are removed, wash down area using a heavy duty cleaner, acid etch with hydrochloric solution to 10 parts water and 1-part acid. Pressure clean using clean water. Ensure all acid is neutralized and removed. Allow to thoroughly dry before applying epoxy. If it is not possible to acid etch the surface, it must be mechanically removed by grinding until the surface has a rough texture adequate for the epoxy to adhere to. Holes and cracks should be filled using a crack repair kit.

**Repaints:** All Surfaces should be free from oil, grease, loose previous paint flakes and other contaminants. Check for correct adhesion by first by applying a test patch. Light sanding should be sufficient on existing coatings.

#### MIXING

Mix Part A & Part B thoroughly separately first as components will have settled.

Mix 2 parts Resin 'A' with 1-part Hardener 'B' thoroughly using a power drill with a paint mixing attachment for 2 minutes before thinning. Ensure that all the material on the sides and on the mixer, is incorporated. Take care to avoid air entrapment in the mix. Can be thinned with water 25%.

#### APPLICATION

Apply using an Airless Spray, roller or brush.

Apply primer coat using a lint free roller, allow approx. 2-3 hours to cure. Apply 1-2 additional coats allow to cure between coats.

Thin Primer coat with 10-15% water

Subsequent coats can be thinned at 10%

Clean up with Water or Methylated Spirits.

Note: This product may be used with non-slip media to achieve various anti-slip ratings, used in a 3 coat system 1 Primer Coat, 1 Base Coat, Broadcast Medium Sand & 1 Top Coat.

Note: Exposure to sunlight and UV radiation can result in discolouration and slight chalking. This will have no adverse effect on the protective function of the coating. EPO-H20T® Coating Kit can be top-coated with a UV blocking coating absorber such as 500T® Tetrathane (Non-Yellowing Urethane)

#### COVERAGE

Approximately 4-6m<sup>2</sup> per litre depending on the surface texture

#### RETURN TO SERVICE

Light foot traffic 24 hours at 20°C after completion of job. Vehicle 24-48 hours. Sure hardness 72 hours. Full Chemical cure 7 days.

#### SHELF LIFE

24 Months if stored in sealed containers away from direct sun light.

#### POT LIFE

Approximately 2 Hours @ 25°C

**IMPORTANT NOTICE:** Read the SDS and TDS carefully prior to the use of any product. Application, performance & safety data may change from time to time. In emergency, contact the Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice. **IF THE SITUATION IS LIFE THREATENING, DIAL 000.**

**PRODUCT DISCLAIMER:** Read the SDS & TDS carefully before use of any product. These documents contain information in context to how you will apply the product, including if it is being used in conjunction with any other products, the type of surfaces and the manner in which the product will be applied. All Purpose Coatings Pty Ltd does not accept any liability either directly or indirectly for any losses that arise from the use or application of the product in accordance with any advice, specification, recommendation or information given by All Purpose Coatings Pty Ltd.